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Web Results 1 - 10 of about **833** for **tcam or (ternary content (storage or memory)) or cam**. (0.22 seconds)

Scholarly articles for tcam or (ternary content (storage or memory)) or cam



[A ternary content-addressable memory \(TCAM\) based on 4T ...](#) - Arsovski - Cited by 27
[Ternary CAM memory architecture and methodology](#) - Kempke - Cited by 76
[A low-power content-addressable memory \(CAM\) using ...](#) - Pagiamtzis - Cited by 14

[PDF] A ternary content-addressable memory (TCAM) based on 4T static ...

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A Ternary Content-Addressable Memory (TCAM) Based on 4T Static Storage ... storage, ternary. I. I. NTRODUCTION. C. ONTENT Addressable Memory (CAM) is an ...
[ieeexplore.ieee.org/iel5/4/25961/01158796.pdf?arnumber=1158796](#) - [Similar pages](#)

Welcome to IEEE Xplore 2.0: A nonredundant ternary CAM circuit for ...
 An optimized Ternary CAM concept is introduced for the hardware search ... "A ternary content-addressable memory (TCAM) based on 4T static storage and ...
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A Ternary Content-Addressable Memory (TCAM) Based on 4T Static ...

A Ternary Content-Addressable Memory (TCAM) Based on 4T Static Storage (2003) ...
 0.1: Reducing Routing Table Size Using Ternary-CAM - Liu (2001) (Correct) ...
[citeseer.ist.psu.edu/659120.html](#) - 16k - [Cached](#) - [Similar pages](#)

Kostas Pagiamtzis: Introduction to Content-Addressable Memory (CAM)

Figure 3(c) shows a ternary CAM (TCAM) cell. The TCAM cell stores an ... Content-addressable and associative memory: Alternatives to the ubiquitous RAM. ...
[pagiamtzis.com/cam/camintro.html](#) - 19k - [Cached](#) - [Similar pages](#)

[PDF] A High-Density Ternary Content-Addressable Memory Using Single ...

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Ternary CAM (TCAM) using SETs. The proposed. TCAM architecture uses a SET-based ternary memory. [8] for three-level data storage and a dual-gate SET ...
[doi.ieeecomputersociety.org/10.1109/ISMVL.2006.6](#) - [Similar pages](#)

Ternary content addressable memory (TCAM) cells with small ...

Title:, Ternary content addressable memory (TCAM) cells with small ... The right half of the ternary CAM cell 10A includes a Y-SRAM storage element that ...
[www.freepatentsonline.com/6900999.html](#) - 62k - [Cached](#) - [Similar pages](#)

Content-addressable memory - Wikipedia, the free encyclopedia

Content-addressable memory (CAM) is a special type of computer memory used ...
Ternary CAM allows a third matching state of "X" or "Don't Care" for one or ...
[en.wikipedia.org/wiki/Content-addressable_memory](#) - 25k - [Cached](#) - [Similar pages](#)

[PDF] Microsoft PowerPoint - 6 CAMsession2Pres1.ppt

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Ternary Content-Addressable Memory. (Network Search Engine). 10010101011011110 ...
Main Memory. CAM-Cache : Ideal Architecture. System bus. **TCAM** ...
[www-2.cs.cmu.edu/~damon2005/damonpdf/6%20hardware%20acceleration%20for%](#)

20database%20systems%20using%20con... - [Similar pages](#)

Low-power CAM design group

Efficient Mapping of Range Classifier into Ternary-CAM (PDF) A Ternary Content-Addressable Memory (TCAM) Based on 4T Static Storage and Including a ...
www.ece.uwaterloo.ca/~n2mohan/cam.html - 12k - [Cached](#) - [Similar pages](#)

[PDF] On using content addressable memory for packet classification

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one or several Ternary Content Addressable Memory (TCAM) devices, depending on ...
Recall that a CAM bit requires six transistors for bit storage and four ...
www.seas.wustl.edu/Research/FileDownload.asp?398 - [Similar pages](#)

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Scholarly articles for (tcam or (ternary content (storage or memory)) or cam) and (character matching)



[IPStash: a power-efficient memory architecture for IP-lookup](#) - Kaxiras - Cited by 6

[PDF] A CAM-Based Signature-Matching Co-processor with Application ...

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but the **matching** process requires a **ternary CAM (TCAM)**. ... "A **ternary content-addressable memory (TCAM)** based on 4T static **storage** and includ- ...
ietele.oxfordjournals.org/cgi/reprint/E88-C/6/1332.pdf - [Similar pages](#)

Ternary content addressable memory (TCAM) cells with small ...

6522562 to Foss, entitled "**Content Addressable Memory Cell Having Improved ...** The right half of the **ternary CAM** cell 10A includes a **Y-SRAM storage** element ...
www.freepatentsonline.com/6900999.html - 62k - [Cached](#) - [Similar pages](#)

Sense amplifier circuit for content addressable memory device ...

"A **Ternary Content-Addressable Memory (TCAM)** Based on 4T Static **Storage** and ... It is understood that a conventional **CAM** includes numerous **match** lines, ...
www.freepatentsonline.com/7084672.html - 55k - [Cached](#) - [Similar pages](#)
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[PDF] A Fast URL Lookup Engine for Content-Aware Multi-gigabit Switches

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CAM: binary CAM (BCAM), and ternary CAM (TCAM). A binary **CAM** can store only binary values while a ... **storage**, and one **CAM** for final **URL matching**. The ...
ieeexplore.ieee.org/iel5/9746/30737/01423562.pdf?arnumber=1423562 - [Similar pages](#)

[PDF] FTSE: The FNP-Like TCAM Searching Engine

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This paper presents FTSE, a **Ternary. Content Addressable Memory (TCAM)** based ... while a more powerful **Ternary CAM (TCAM)** allows. **pattern matching** with the ...
ieeexplore.ieee.org/iel5/10000/32117/01493825.pdf?arnumber=1493825 - [Similar pages](#)

[PDF] A Memory-Efficient Parallel String Matching Architecture for High ...

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Yu et al. proposed a **ternary content. addressable memory (TCAM)**-based scheme [18] that can ... resulting in the redundant **storage** for part of **characters**. ...
www.cs.cmu.edu/~xzhang1/doc/01705612.pdf - [Similar pages](#)

[PPT] Slide 1

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Content Addressable Memory is a special kind of **memory**! Read operation in traditional **memory**: ... **Ternary CAM (TCAM)** stores 0s, 1s and don't cares. ...
<https://www.cs.umd.edu/~vahid/CAM.ppt> - [Similar pages](#)

[PDF] High Performance String Matching Algorithm for a Network Intrusion ...

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CAM algorithm. The algorithm operates in 3 or 4 steps: (i) ... A **ternary. content-addressable memory (tcam)** based on 4t static **storage** and ...

www.cs.huji.ac.il/~dolev/pubs/hpsr-06-shimrit-1568979871.pdf - [Similar pages](#)

[PDF] **TCAM Enabled On-Chip Logic Minimization**

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The proposed logic minimizer architecture. utilizes **ternary content addressable memory (TCAM)** cells. to support **storage** and comparison of minterms expressed ...

research.cs.tamu.edu/codesign/papers/DAC%202005.pdf - [Similar pages](#)

[PDF] **CYSEP -- A CYBER-SECURITY PROCESSOR FOR 10GBPS NETWORKS AND BEYOND**

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Prefix fields will be implemented using **Ternary Content. Addressable Memories (TCAMs)** and ... the string **characters match** the labels on any part of the FA ...

eeweb.poly.edu/chao/docs/public/Milcom04.pdf - [Similar pages](#)

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unanchored search of a database and a pattern matching

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Scholarly articles for **unanchored search of a database and a pattern matching**



[Expressed sequence tags \(ESTs\)](#) - Wolfsberg - Cited by 4

[A Formal Framework for Linguistic Annotation](#) - Bird - Cited by 206

[Fast and sensitive multiple alignment of large genomic ...](#) - Brudno - Cited by 46

Hifn Pattern Matching Software

Each HPM context binds the appropriate HPM **pattern database** to the next ... per scan (not just one **match**); **Match** anywhere, **unanchored** (or anchored) searches.

www.hifn.com/products/HPM.html - 22k - [Cached](#) - [Similar pages](#)

[PDF] A Backend Machine Architecture for Information Retrieval.

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A 30 billion character **database search** will require about 80 hours on such a system. ...

The techniques of **unanchored** mode operation, sub-**pattern match**- ...

portal.acm.org/ft_gateway.cfm?id=636688&

[type=pdf&coll=&dl=acm&CFID=15151515&CFTOKEN=6...](#) - [Similar pages](#)

[PDF] A PROPOSAL FOR A HARDWARE TEXT PROCESSOR AMARMUKHOPADHYAY DEPT. OF ...

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String **Search Control**: there are a couple of interesting commands like ... is not specified the **pattern matching** takes place. in the **unanchored** mode. ...

portal.acm.org/ft_gateway.cfm?id=802692&type=pdf - [Similar pages](#)

7. CIKM 1998: Bethesda, Maryland, USA

Temporal Granularity for **Unanchored** Temporal Data. 414-423 ... Handling Temporal

Grouping and **Pattern-Matching** Queries in a Temporal Object Model. 424-431 ...

www.informatik.uni-trier.de/~ley/db/conf/cikm/cikm98.html - 29k - [Cached](#) - [Similar pages](#)

CIKM '98 Schedule

Laboratory for **Database** Systems Research, Dept of Computing Science, University of Alberta. "Handling Temporal Grouping and **Pattern-Matching** Queries in a ...

www.csee.umbc.edu/cikm/1998/Program2.html - 15k - [Cached](#) - [Similar pages](#)

GelAssemble

The **search** is case-insensitive, and GelAssemble does not understand nucleotide ambiguity symbols in **pattern matching**. For instance, /RAC matches RAC, ...

helix.nih.gov/docs/gcg/gelassemble.html - 58k - [Cached](#) - [Similar pages](#)

SC AV: Meeting 2 Summary, January 10-11, 2001

This is really just an **unanchored** phrase **search**. ... holdings information together in one **search**, the **database** name must represent the "holdings **database**" ...

www.unt.edu/zprofile/Level_3/Summary2.htm - 65k - [Cached](#) - [Similar pages](#)

[RTF] Next To Final Draft Profile for NISO SC AV Review, November 2002

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US2.21 Government Documents **Search** - **Unanchored** Phrase ... Four **pattern** searches

(Keyword with Right Truncation, Exact **Match**, First Words in Field, ...

www.unt.edu/zprofile/Profile/FinalNov2002/FinalDraftProfileNovember2002.rtf -

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notes in the combined **database**, with **search** statistics taking almost three days per feature to ... chored and **unanchored Match** Count Profiles for the mu- ...

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ccrma.stanford.edu/~craig/papers/04/ismir2004slf.pdf - [Similar pages](#)

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string or character pattern matching

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If this **pattern** does not **match** any subsequence of the input then the resulting array has just one element, namely the input sequence in **string** form. ...

java.sun.com/j2se/1.4.2/docs/api/java/util/regex/Pattern.html - 62k - [Cached](#) - [Similar pages](#)

Pattern Matching and Creating a HelpSet with JavaHelp software

A regular expression is a **pattern of characters** that describes a set of strings ... So if you request a **match** against the **pattern** "j.*z", using the **string** ...

java.sun.com/developer/JDCTechTips/2002/tt0423.html - 37k - [Cached](#) - [Similar pages](#)

Pattern matching - Wikipedia, the free encyclopedia

will **match** a **string** that has two **characters** and begins with "a". The same **pattern** in Haskell: ['a', _]. Symbolic entities can be introduced to represent ...

en.wikipedia.org/wiki/Pattern_matching - 37k - [Cached](#) - [Similar pages](#)

Categories of pattern matching characters

Tutorial introduction (2 ways to define a regular expression); Categories of **pattern matching characters**; **String** and Regular Expression methods ...

www.javascriptkit.com/javatutors/re2.shtml - 24k - [Cached](#) - [Similar pages](#)

PostgreSQL: Documentation: Manuals: PostgreSQL 7.3: Pattern Matching

As with LIKE, **pattern characters match string characters** exactly unless they are special **characters** in the regular expression language --- but regular ...

www.postgresql.org/docs/7.3/static/functions-matching.html - 30k - [Cached](#) - [Similar pages](#)

Pattern Matching (Programming Perl)

If you **string** several **characters** in a row, they must **match** in order, just as you'd expect.

So if you write the **pattern match**:. /Frodo/ ...

www.unix.org.ua/oreilly/perl/prog3/ch05_01.htm - 17k - [Cached](#) - [Similar pages](#)

Special pattern matching character operators

The simplest and very common **pattern matching character** operators is the end of the **string as matching** a \W . (Within **character** classes \b represents ...

www.cs.cf.ac.uk/Dave/PERL/node79.html - 17k - [Cached](#) - [Similar pages](#)

Bash Reference Manual:

The format is a **character string** which contains three types of objects: plain **characters**, ...

In addition to the normal shell **pattern matching characters**, ...

www.gnu.org/software/bash/manual/bashref.html - 654k - [Cached](#) - [Similar pages](#)

Shell Command Language

The asterisk ("*") is a **pattern** that shall **match** any **string**, including the null **string**. The concatenation of **patterns matching** a single **character** is a ...

www.opengroup.org/onlinepubs/009695399/utilities/xcu_chap02.html - 123k -

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The Perl Tutorial: Pattern Matching

Pattern matching is the searching of a sequence of **characters** within a **character string**.

When doing **pattern matching** if a **pattern** is found then a **match** is ...

webdevelopment.developersnetwork.com/Articles.asp?Article=143 - 35k -
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